



Appl. No. : 09/852,910  
Applicant : Annette GILCHRIST et al.  
Filed : May 11, 2001  
TC/A.U. : 1639  
Examiner : Teresa D. Wessendorf  
Docket No. : 2661-101  
Customer No. : 06449  
Confirmation No. : 4758

INFORMATION DISCLOSURE STATEMENT

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Under the provisions of 37 C.F.R. §§ 1.56, 1.97 and 1.98, Applicant submits herewith copies of publications that the Office may wish to consider in examination of the subject application. The publications are listed on the attached form PTO-1449.

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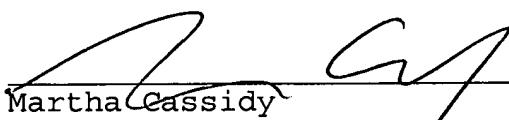
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Respectfully submitted,

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Enclosure(s):  
PTO-1449 Form  
References (21)

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**INFORMATION DISCLOSURE  
STATEMENT BY APPLICANT**



Complete if Known	
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First Named Inventor	Annette GILCHRIST et al.
Group Art Unit	1639
Examiner Name	Wessendorf, Teresa D.
Confirmation No.	4758
Sheet	1 of 2 Attorney Docket Number 2661-101

**NON PATENT LITERATURE DOCUMENTS**

Examiner Initials*	Cite No. <sup>1</sup>	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published	T <sup>2</sup>
	1	ARIS et al., "Structural requirements for the stabilization of metarhodopsin II by the C terminus of the $\alpha$ subunit of Transducin," <i>J. Biol. Chem.</i> , 276(4):2333-2339, 2001.	
	2	BUCK et al., "Role of dynamic interactions in effective signal transfer for G $\beta$ stimulation of phospholipase C- $\beta$ 2," <i>J. Biol. Chem.</i> , 277(51):49707-49715, 2002.	
	3	CHEADLE et al., "Identification of a Src SH3 domain binding motif by screening a random phage display library," <i>J. Biol. Chem.</i> , 269(39):24034-24039, 1994.	
	4	COPELAND, Robert A., "Mechanistic considerations in high-throughput screening," <i>Analytical Biochemistry</i> , 320:1-12, 2003.	
	5	CULL et al., "Screening for receptor ligands using large libraries of peptides linked to the C terminus of the lac repressor," <i>Proc. Natl. Acad. Sci.</i> , 89:1865-1869, 1992.	
	6	CWIRLA et al., "Peptide agonist of the thrombopoietin receptor as potent as the natural cytokine," <i>Science</i> , 276:1696-1699, June 13, 1997.	
	7	DANI, Maria, "Peptide display libraries: design and construction," <i>J. Of Receptor &amp; Signal Transduction Research</i> , 21(4):469-488, 2001.	
	8	FRANCKEN et al., "Human 5-hydroxytryptamine <sub>5A</sub> receptors activate coexpressed G <sub>i</sub> and G <sub>o</sub> proteins in Spodoptera frugiperda 9 cells," <i>Mol. Pharm.</i> , 57:1034-1044, 2000.	
	9	GILCHRIST et al., "Use of peptides-on-plasmids combinatorial library to identify high-affinity peptides that bind rhodopsin," <i>Methods in Enzymology</i> , 315:388-404, 2000.	
	10	GLASS et al., "Agonist selective regulation of G proteins by cannabinoid CB <sub>1</sub> and CB <sub>2</sub> receptors," <i>Mol. Pharmacol.</i> , 56:1362-1369, 1999.	
	11	HALL, David A., "Modeling the functional effects of allosteric modulators at pharmacological receptors: an extension of the two-state model of receptor activation," <i>Mol. Pharmacol.</i> , 58:1412-1423, 2000.	
Examiner Signature		Date Considered	

\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

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	12	KAY et al., "Screening phage-displayed combinatorial peptide libraries," <i>Methods</i> , 24:240-246, 2001.	
	13	KOIVUNEN et al., "Identification of receptor ligands with phage display peptide libraries," <i>J. Nucl. Med.</i> , 40:883-888, 1999.	
	14	MARTIN et al., "Potent peptide analogues of a G protein receptor-binding region obtained with a combinatorial library," <i>J. Biol. Chem.</i> , 271(1):361-366, 1996.	
	15	NEUBIG et al., "International union of pharmacology committee on receptor nomenclature and drug classification. XXXVIII. Update on terms and symbols in quantitative pharmacology," <i>Pharmacol. Rev.</i> , 55:597-606, 2003.	
	16	RODI et al., "Phage-display technology-finding a needle in a vast molecular haystack," <i>Current Opinion in Biotechnology</i> , 10:87-93, 1999.	
	17	SCHATZ et al., "Screening of peptide libraries linked to lac receptor," <i>Methods in Enzymology</i> , 267:171-191, 1996.	
	18	SUNDBERG, Steven A., "High-throughput and ultra-high-throughput screening: solution- and cell-based approaches," <i>Current Opinion in Biotechnology</i> , 11:47-53, 2000.	
	19	SZARDENINGS et al., "New highly specific agonistic peptides for human melanocortin MC <sub>1</sub> receptor," <i>Peptides</i> , 21:239-243, 2000.	
	20	WINDH et al., "Differential coupling of the sphingosine 1-phosphate receptors Edg-1, Edg-3, and H218/Edg-5 to the G <sub>i</sub> , G <sub>q</sub> , and G12 families of heterotrimeric G Proteins," <i>J. Biol. Chem.</i> , 274(39):27351-27358, 1999.	
	21	ZWICK et al., "Phage-displayed peptide libraries," <i>Current Opinion in Biotechnology</i> , 9:427-436, 1998.	
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